

28 VDC Armored Combat Vehicle Power Distribution Unit



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Input Voltage Range	Number of Switched Outputs	Rated Installed Power
18–36 VDC	5	1,4 kW

It is specially designed for tanks and armored combat vehicles. The designed power distribution unit works with direct current and has 5 DC outputs. Isolated 12 VDC and 28 VDC voltages are produced in the unit to feed the outputs. The power distribution unit has MIL-STD-1275B surge/spike protection.

Input Features

● Input Voltage	28 VDC
● No-load Power Consumption	<1,0 A

Output Features

● Number of DC Outputs Switched	5
● DC Input Installed Power	40 A

Mechanical Properties

● Width	229±1 mm
● Height	160±1 mm
● Depth	236±1 mm
● Weight	12±0,5 kg

Electromagnetic Compatibility

● MIL-STD-461G	CE102 CS101, CS114, CS115, CS116 RE102 RS103
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Environmental Characteristics

● Operating Temperature	MIL-STD-810G -40°C ~ +55°C
● Storage Temperature	MIL-STD-810G -40°C ~ +63°C
● Mechanical Shock	MIL-STD-810G 40 g 11 ms
● Vibration	MIL-STD-810G Method 514.6, Category 20
● Humidity	MIL-STD-810G %95 humidity (Without condensation)
● Rain	MIL-STD-810G Method 506.5, Procedure III